

This listing of claims will replace all prior versions and listing of claims in the application.

Claims 1-22 (canceled)

23. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R¹ is hydrogen, C₁₋₄alkyl, C₁₋₄alkoxy, halogen or CF₃.

24. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R² is hydrogen, C₁₋₄alkyl, C₁₋₄alkoxy, halogen or CF₃.

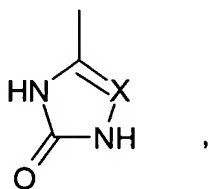
25. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R³ is hydrogen, fluorine, chlorine or CF₃.

26. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R⁴ is hydrogen or fluorine.

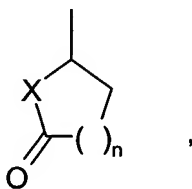
27. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R⁵ is hydrogen, fluorine, chlorine or CF₃.

28. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R⁶ is C₁₋₄alkyl optionally substituted by hydroxy.

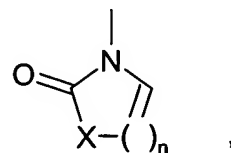
29. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R^7 is a cyclic group selected from the group consisting of:



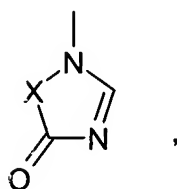
X is N, CH or CH_2



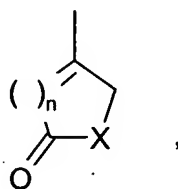
X is O or CH_2
n is 1 or 2



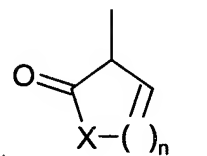
X is O, NH, CH_2 or NR^{13}
n is 1 or 2



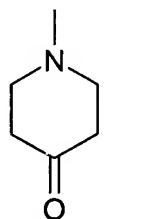
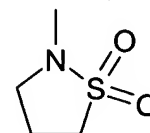
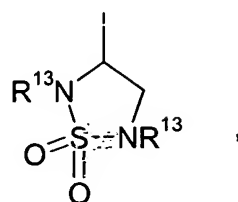
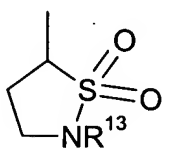
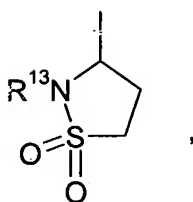
X is NH or CH_2



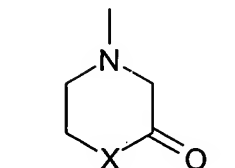
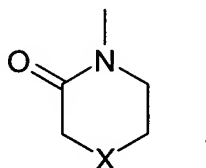
X is O, NH, CH_2 or NR^{13}
n is 1 or 2



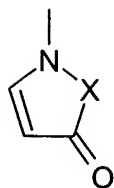
X is O, NH, CH_2 or NR^{13}
n is 1 or 2



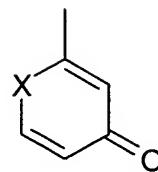
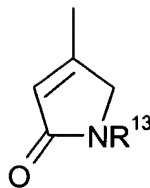
X is NR^{13} or CH_2



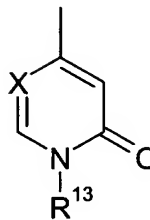
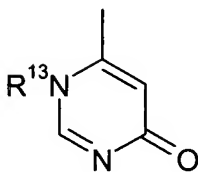
X is NR^{13} or CH_2



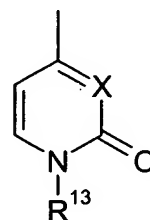
X is NR¹³ or CH₂



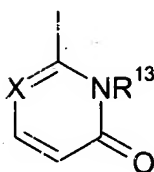
X is NR¹³, O or SO₂



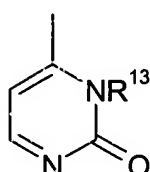
X is N or CH



X is N or CH



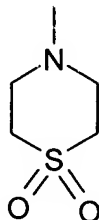
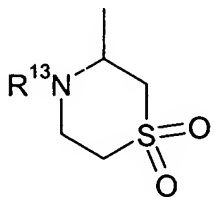
and



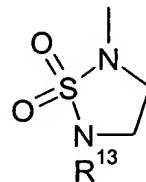
X is N or CH

wherein any of said cyclic groups is unsubstituted or substituted by one or more groups as defined in ~~Claim 22~~ Claim 41.

30. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R⁷ is a cyclic group selected from the group consisting of:



and



wherein any of said cyclic groups is unsubstituted or substituted by one or more groups as defined in ~~Claim 41~~ Claim 41.

31. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R^8 is hydrogen or methyl.

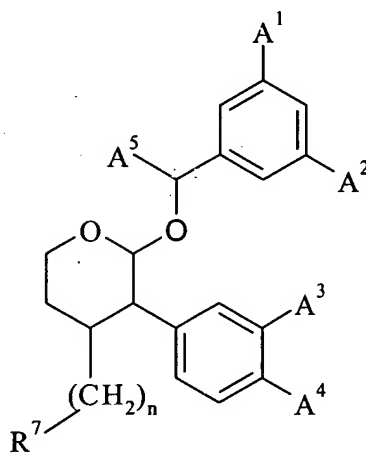
32. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R^{12} is hydrogen, hydroxy, C_{1-2} alkyl substituted by hydroxy, C_{1-4} alkoxy or CO_2R^e , where R^e is hydrogen, methyl ethyl or benzyl.

33. (Currently amended) The compound of ~~Claim to 41~~ Claim 41 wherein R^{13} represents hydrogen, methyl or ethyl.

34. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein R^{15} is hydrogen and R^{16} is hydrogen.

35. (Currently amended) The compound of ~~Claim 22~~ Claim 41 wherein n is zero or 1.

36. (Currently amended). The compound of ~~Claim 22~~ Claim 41 of the formula (Ia):



(Ia)

wherein:

A^1 is fluorine or CF_3 ;

A^2 is fluorine or CF_3 ;

A^3 is fluorine or hydrogen;

A^4 is fluorine or hydrogen;

A⁵ is methyl;

or a pharmaceutically acceptable salt thereof.

37. (Previously added) A compound which is selected from the group consisting of:

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)piperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-methylpiperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-ethylpiperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-(1-methylethyl)piperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-cyclohexylpiperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-(tetrahydropyran-4-yl)piperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-(1-methylpiperidin-4-yl)piperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-phenylpiperazinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-4-(pyrid-3-yl)piperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)piperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-1-methylpiperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-1-ethylpiperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-1-phenylpiperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-1-(pyrid-3-yl)piperazinone;

4-(((2*R*,3*S*,4*S*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl]piperazinone;

4-(((2*R*,3*S*,4*S*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl]-1-methylpiperazinone;

4-(((2*R*,3*S*,4*S*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(4-fluorophenyl)-2*H*-pyran-4-yl)methyl)-1-ethylpiperazinone;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-(3,4-difluorophenyl)-2*H*-pyran-4-yl)methyl]thiomorpholine 1,1-dioxide;

4-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl]thiomorpholine 1,1-dioxide;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl]-2-pyrrolidinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)-2,5-pyrrolidinedione;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)-2-imidazolidinone;

1-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)-3-methyl-2-imidazolidinone;

3-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)-1-methyl-2,4-imidazolidinedione;

2-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl)-5-ethyl-1,2,5-thiadiazolidine 1,1-dioxide;

(5*R* or *S*)-5-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)-2,4-imidazolidinedione;

(3*R* or *S*)-3-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)-4-methylthiomorpholine 1,1-dioxide;

2-(((2*R*,3*R*,4*R*)-2-((1*R*)-1-[3,5-Bis(trifluoromethyl)phenyl]ethoxy)-tetrahydro-3-phenyl-2*H*-pyran-4-yl)methyl]isothiazolidine 1,1-dioxide;

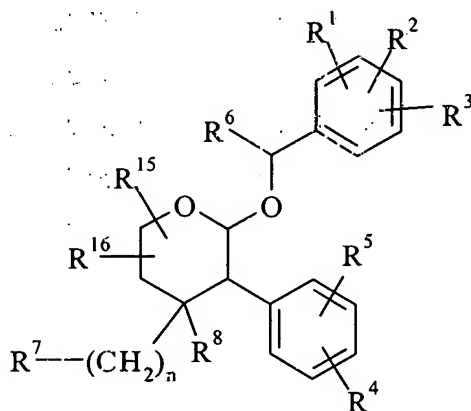
or a pharmaceutically acceptable salt thereof.

38. (Currently amended) A pharmaceutical composition comprising the compound of ~~Claim 22~~ Claim 41 and at least one pharmaceutically acceptable carrier or excipient.

39. (Currently amended) A method for the treatment of pain or inflammation, migraine, emesis, postherpetic neuralgia, depression or anxiety, which method comprises administration to a patient in need thereof of a therapeutically effective amount of the compound of ~~Claim 22~~ Claim 41.

40. (Currently amended) A method for the prevention of pain or inflammation, migraine, emesis, postherpetic neuralgia, depression or anxiety, which method comprises administration to a patient in need thereof of a therapeutically effective amount of the compound of ~~Claim 22~~ Claim 41.

41. (New) A compound of the formula (I):



(I)

wherein:

R^1 is hydrogen, halogen, C_{1-6} alkyl, C_{1-6} alkoxy, fluoro C_{1-6} alkyl, fluoro C_{1-6} alkoxy, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl C_{1-4} alkyl, NO_2 , CN, SR^a , SOR^a , SO_2R^a , CO_2R^a , $CONR^aR^b$, C_{2-6} alkenyl, C_{2-6} alkynyl or C_{1-4} alkyl substituted by C_{1-4} alkoxy, wherein R^a and R^b each independently represent hydrogen or C_{1-4} alkyl;

R^2 is hydrogen, halogen, C_{1-6} alkyl, fluoro C_{1-6} alkyl or C_{1-6} alkoxy substituted by C_{1-4} alkoxy;

R^3 is hydrogen, halogen or fluoro C_{1-6} alkyl;

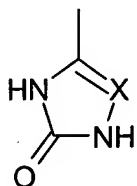
R^4 is hydrogen, halogen, C_{1-6} alkyl, C_{1-6} alkoxy, fluoro C_{1-6} alkyl, fluoro C_{1-6} alkoxy, hydroxy, NO_2 , CN, SR^a , SOR^a , SO_2R^a , CO_2R^a , $CONR^aR^b$, C_{2-6} alkenyl, C_{2-6} alkynyl or C_{1-4} alkyl substituted by C_{1-4} alkoxy;

R^5 is hydrogen, halogen, C_{1-6} alkyl, fluoro C_{1-6} alkyl or C_{1-6} alkoxy substituted by C_{1-4} alkoxy;

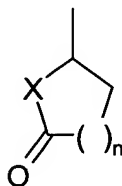
R^6 represents hydrogen or a C_{1-4} alkyl group which is unsubstituted or substituted by a hydroxy group;

R^7

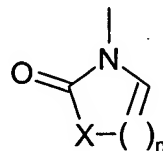
is a cyclic group selected from the group consisting of:



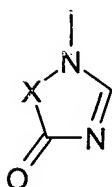
X is N, CH or CH_2



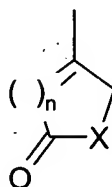
X is O or CH_2
n is 1 or 2



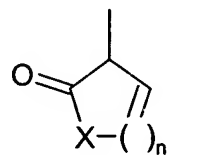
X is O, NH, CH_2 or NR^{13}
n is 1 or 2



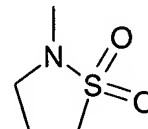
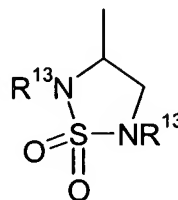
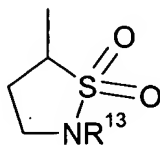
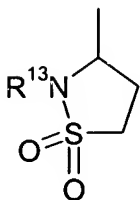
X is NH or CH_2

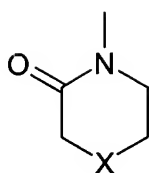
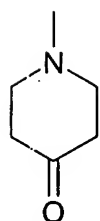


X is O, NH, CH_2 or NR^{13}
n is 1 or 2

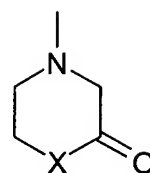


X is O, NH, CH_2 or NR^{13}
n is 1 or 2

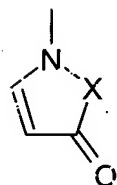




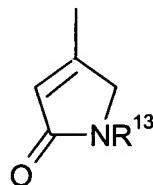
X is NR^{13} or CH_2



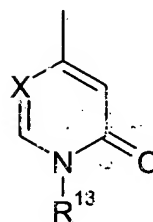
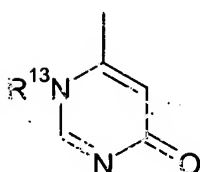
X is NR^{13} or CH_2



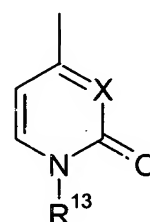
X is NR^{13} or CH_2



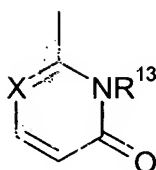
X is NR^{13} , O or SO_2



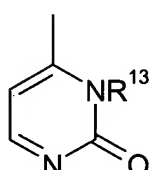
X is N or CH



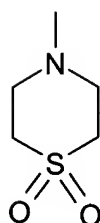
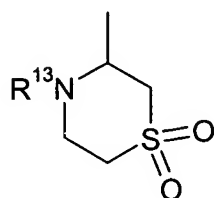
X is N or CH



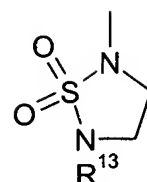
and



X is N or CH



and



wherein cyclic group is unsubstituted or substituted at any substitutable position by one or more substituents selected from =O, halogen, hydroxy, R^{11} , R^{12} , SR^f , SO_2R^g , COR^a , CO_2R^a , $\text{CONR}^9\text{R}^{10}$,

-ZNR⁹R¹⁰, benzyl, C₁₋₄alkyl, hydroxyC₁₋₄alkyl, fluoroC₁₋₄alkyl, chloroC₁₋₄alkyl, C₁₋₄alkoxyC₁₋₄alkyl, C₃₋₇cycloalkyl, C₃₋₇cycloalkylC₁₋₄alkyl, C₃₋₇cycloalkoxy, C₃₋₇cycloalkoxyC₁₋₄alkyl, C₁₋₄alkoxy, fluoroC₁₋₄alkoxy, hydroxyC₁₋₄alkoxy, C₁₋₄alkoxyC₁₋₄alkoxy, aryl, arylC₁₋₄alkyl, heteroaryl, heteroarylC₁₋₄alkyl or a 5- or 6-membered ring containing in the ring one oxygen atom or N(C₁₋₆alkyl), wherein R^f is C₁₋₄alkyl or aralkyl or aryl and R^g is C₁₋₄alkyl, aryl, arylC₁₋₄alkyl or NR⁹R¹⁰;

R⁸ represents hydrogen, C₁₋₆alkyl, fluoroC₁₋₆alkyl, hydroxy, C₁₋₆alkoxy, hydroxyC₁₋₆alkyl NR⁹R¹⁰, CONR⁹R¹⁰ or SO₂R^g;

R⁹ is hydrogen, C₁₋₄alkyl, C₃₋₇cycloalkyl, C₃₋₇cycloalkylC₁₋₄alkyl, fluoroC₁₋₄alkyl, C₂₋₄alkyl substituted by a C₁₋₄alkoxy or hydroxyl group, or R⁹ is a five membered or six membered nitrogen-containing heteroaromatic ring as previously defined;

R¹⁰ is hydrogen or C₁₋₄alkyl, C₃₋₇cycloalkyl, C₃₋₇cycloalkylC₁₋₄alkyl, fluoroC₁₋₄alkyl or C₂₋₄alkyl substituted by a C₁₋₄alkoxy or hydroxyl group;

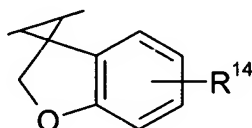
or R⁹, R¹⁰ and the nitrogen atom to which they are attached form a heteroaliphatic ring of 4 to 7 ring atoms, unsubstituted or substituted by one or two groups selected from hydroxy, COR^e, CO₂R^e, C₁₋₄alkyl unsubstituted or substituted by a C₁₋₄alkoxy or hydroxyl group, or C₁₋₄alkoxy unsubstituted or substituted by a C₁₋₄alkoxy or hydroxyl group, or a five membered or six membered nitrogen-containing heteroaromatic ring as previously defined, or said heteroaliphatic ring is substituted by a spiro-fused lactone ring, and said heteroaliphatic ring optionally containing a double bond, which heteroaliphatic ring may contain an oxygen or sulphur ring atom, a group S(O) or S(O)₂ or a second nitrogen atom which will be part of a NH or NR^d moiety, where R^d is C₁₋₄alkyl unsubstituted or substituted by hydroxy or C₁₋₄alkoxy;

or R⁹, R¹⁰ and the nitrogen atom to which they are attached form a non-aromatic azabicyclic ring system of 6 to 12 ring atoms;

or R⁹, R¹⁰ and the nitrogen atom to which they are attached form a heteroaliphatic ring of 4 to 7 ring atoms to which is fused a benzene ring or a five membered or six membered nitrogen-containing heteroaromatic ring optionally containing 1, 2 or 3 additional heteroatoms selected from N, O and S;

R¹¹ and R¹² each independently represent hydrogen, hydroxy, COR^e, CO₂R^e, C₁₋₄alkyl unsubstituted or substituted by a C₁₋₄alkoxy or hydroxyl group, or C₁₋₄alkoxy unsubstituted or substituted by a C₁₋₄alkoxy or hydroxyl group;

or, when they are attached to the same carbon atom, R^{11} and R^{12} may together represent $=O$, $=CHCO_2R^a$, $-O(CH_2)_mO-$, $-CH_2O(CH_2)_k-$, $-CH_2OCH_2C(O)-$, $-CH_2OCH_2CH(OH)-$, $-CH_2OCH_2C(CH_3)_2-$, $-CH_2OC(CH_3)_2CH_2-$, $-C(CH_3)_2OCH_2CH_2-$, $-CH_2C(O)OCH_2-$, $-OC(O)CH_2CH_2-$, $-C(O)OCH_2CH_2-$, $-C(O)OC(CH_3)_2CH_2-$, $-C(O)OCH_2C(CH_3)_2-$, $-OCH_2(CH_2)_k-$, $-OC(CH_3)_2CH_2CH_2-$, $-OCH_2C(CH_3)_2CH_2-$, $-OCH_2CH_2C(CH_3)_2-$, $-OCH_2CH=CHCH_2-$, $-OCH_2CH(OH)CH_2CH_2-$, $-OCH_2CH_2CH(OH)CH_2-$, $-OCH_2C(O)CH_2CH_2-$, $-OCH_2CH_2C(O)CH_2-$, or a group of the formula:



or, where they are attached to adjacent carbon atoms, R^{11} and R^{12} may together represent $-OCH_2CH_2-$ or $-OCH_2CH(OH)-$, or R^{11} and R^{12} may together form a fused benzene ring;

or, R^{11} and R^{12} together form a C_{1-2} alkylene bridge across the pyrrolidine, piperidine, morpholine or piperazine ring to which they are attached;

R^{13} represents hydrogen, phenyl, benzyl, pyridyl, tetrahydropyranyl, piperidinyl, N-substituted piperidinyl (where the N-substituent is C_{1-6} alkyl), C_{1-4} alkyl, C_{3-7} cycloalkyl, C_{3-7} cycloalkyl C_{1-4} alkyl, $-SO_2C_{1-4}$ alkyl or C_{2-4} alkyl substituted by a C_{1-4} alkoxy or hydroxyl group;

R^{14} represents hydrogen, halogen, hydroxy, C_{1-4} alkyl, hydroxy C_{1-4} alkyl or fluoro C_{1-4} alkyl;

R^{15} and R^{16} each independently represent hydrogen, halogen, C_{1-6} alkyl, CH_2OR^c , oxo, $-CO_2R^a$ or $CONR^aR^b$ where R^a and R^b are as previously defined and R^c represents hydrogen, C_{1-6} alkyl or phenyl;

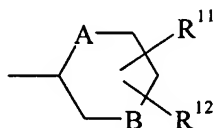
Z represents a bond, C_{1-6} alkylene or C_{3-6} cycloalkylene;

k is 1, 2 or 3;

m is 1 or 2; and

n is zero, 1 or 2;

with the proviso that when n is zero and R^8 is hydrogen, R^7 does not represent a C-linked nitrogen-containing ring of the formula:



wherein:

A represents NR^{13} , and B represents a bond, CH_2 , NR^{13} or O, wherein one or both hydrogen atoms in said CH_2 moiety may be replaced with one or both of R^{11} and R^{12} , or alternatively, one of the hydrogen atoms in said CH_2 moiety together with a hydrogen atom from an adjacent carbon are replaced by a double bond; or A is O, and B is NR^{13} ; and R^{11} and R^{12} together represent $=\text{O}$; and pharmaceutically acceptable salts thereof.